Index of Claims

| <b>Applicatio</b> | n/Control | l No. |
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09/896,254

Date

Examiner Nga B. Nguyen Applicant(s)/Patent under Reexamination

HELLERSTEIN ET AL.

Art Unit

3628

| <b>√</b> | Rejected |
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| _        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

Claim

| Z | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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| o | Objected |

|               |  | L         | L            |          |          |  | J        |                | <u>_</u>   | <u>L</u> |  |  |
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| Cla           | ım   | <u> </u>  | Date         |          |          |  |          |                |  |          |  |  |
| Final         | Original   | 30/16/10e |              |          |          |  |          |                |  |          |  |  |
| <u> </u>      | -4   | 10        | ┪            |          |          | ⊢  | -        | ⊢              | ├  | Н        |  |  |
|               | 1  | 8         | -            | -        | ļ        | -  | ┝        | <del>  -</del> | <u> </u>   | $\vdash$ |  |  |
|               | 2  | Н         | ┞            |          | ╙        | ╙  | _        | ļ              | <u> </u>   | Ш        |  |  |
|               | 3  | Ш         | _            |          | L_       | _  | _        | L              | <u> </u>   | Ш        |  |  |
| L             | 4  | Ш         | L            | L        | _        |  | L.       | L.             | _  | Ш        |  |  |
|               | 5  | Ш         | 乚            |          |          | _  |          |                |  | Ш        |  |  |
|               | 1<br>2<br>3<br>4<br>5<br>6<br>7  | Ш         |              | L        |          |  |          | <u>L</u>       | <u></u>  | L        |  |  |
|               | 7  | Ш         | L            |          |          |  |          | İ              |  |          |  |  |
|               | 8  | П         |              |          |          |  |          |                | П  |          |  |  |
|               | 9  | П         |              |          |          |  |          |                |  |          |  |  |
|               | 10   | П         | Г            |          |          | П  |          |                | П  |          |  |  |
|               | 11   | П         | Г            |          |          | İ  | Г        | Г              | Г  | П        |  |  |
|               | 12   | П         |              |          |          |  |          | Г              | Г  | $\Box$   |  |  |
|               | 13   | H         |              |          |          | T  | <b>†</b> | Ì              | T  | $\Box$   |  |  |
|               | 14   | H         | Н            | $\vdash$ |          | $\vdash$   | $\vdash$ | -              | <del>                                     </del> | $\vdash$ |  |  |
|               | 15   | Ħ         | ┢╌           | ┢        |          | H  | $\vdash$ | $\vdash$       | $\vdash$   | Н        |  |  |
|               | 16   | H         | ╁╌           | $\vdash$ | H        | ┢  | $\vdash$ | H              | H  | $\vdash$ |  |  |
| <u> </u>      | 17   | H         | ├-           | $\vdash$ | $\vdash$ | -  | ╁        | H              | ┢  | Н        |  |  |
|               | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | Н         | ├            |          | $\vdash$ | ├  | ╁        | ┢              | ┢  | $\vdash$ |  |  |
|               | 10   | H         | $\vdash$     | -        | $\vdash$ | -  | ╀        | $\vdash$       | $\vdash$   | $\vdash$ |  |  |
|               | 20   | H         | $\vdash$     | -        | -        | ⊢  | ⊢        | ⊢              | -  | Н        |  |  |
| -             | 21   | Н         | -            | ⊢        | $\vdash$ | ├  | ⊢        | -              |  | $\dashv$ |  |  |
|               | 22   | ₩         | <del> </del> | -        | -        | ├  | ⊢        | ├-             | -  | Н        |  |  |
|               | 22<br>23<br>24   | H         | -            | ⊢        | -        | ⊢  | ⊢        |                | <u> </u>   | Н        |  |  |
| $\vdash$      | 23   | H         | -            | ⊢        | -        | ⊢  | -        |                | ⊢  |          |  |  |
| <del>  </del> | 24   | ╀         | -            | <u> </u> | <u> </u> | -  | ┢        | <del> </del>   | ⊢  | Н        |  |  |
|               | 25   | Н         | <del></del>  | _        | <u> </u> | _  | ├        | <u> </u>       | ⊢  | H        |  |  |
| <u> </u>      | 25<br>26<br>27<br>28<br>29   | H         | ⊢            | $\vdash$ | <u> </u> | <del>                                     </del> | ⊢        | <u> </u>       | ⊢  | $\vdash$ |  |  |
|               | 27   | ╀         | <u> </u>     | _        | <u> </u> | <u> </u>   | _        | <u> </u>       | <u> </u>   |          |  |  |
|               | 28   | Н         | <u> </u>     |          | _        | <u> </u>   | ┡        | <u> </u>       | <u> </u>   | $\sqcup$ |  |  |
| L             | 29   | Ц         | <u>_</u>     |          | L_       | _  | L        | _              | <u> </u>   | Ш        |  |  |
|               | 30<br>31   | Щ         | <u> </u>     | _        | _        | _  |          |                | <u> </u>   | Ш        |  |  |
|               | 31   | Щ         | <u> </u>     |          | L        |  | _        | ᆫ              | <u> </u>   | Ш        |  |  |
|               | 32   | Щ         |              |          |          |  | L.,      | L              |  | Ш        |  |  |
|               | <u>33</u>  | Щ         |              |          |          |  |          |                | 匚  | Ш        |  |  |
|               | 33<br>34<br>35   | Щ         | _            |          |          |  | 匚        |                | L  | Ш        |  |  |
|               | 35   | Щ         | _            |          |          | L.   |          |                |  | Ш        |  |  |
|               | 36<br>37   | Ц         | _            |          |          |  |          |                | <u> </u>   | Ш        |  |  |
| $\Box$        | 37   | Ц         |              |          |          |  |          | L              | _  | Ш        |  |  |
|               | 38<br>39   | Ц         |              |          |          | _  | L        | L_             | L  | Ш        |  |  |
|               | 39   | Ť         |              |          |          | _  |          | L              | 匚  |          |  |  |
|               | 40   | _         |              |          |          | _  |          | L              | <u> </u>   | Ш        |  |  |
|               | 41   |           | Ш            |          |          |  | 乚        | L              |  |          |  |  |
|               | 42   | L_        | Ш            |          |          | L  |          |                |  |          |  |  |
|               | 43   | L         |              |          |          | $\Box$   |          |                |  |          |  |  |
| I             | 44   |           |              |          |          |  |          |                |  |          |  |  |
|               | 45   |           |              |          |          |  |          |                |  |          |  |  |
|               | 46   |           |              |          |          |  |          |                |  |          |  |  |
|               | 47   |           |              |          |          |  |          |                |  | $\Box$   |  |  |
|               | 48   |           |              |          |          |  |          |                |  | П        |  |  |
|               | 49   |           |              |          |          |  |          |                |  | $\dashv$ |  |  |
|               | 50   |           |              |          |          | _  | Н        |                |  | Н        |  |  |

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| 5        | Original                                  | 101011 | re16/11/06 | _ |          |  |  |          |  |          |  |   | Final | Original |          |          |          |          |          |          |    |        |          |
| _        |   | 1      | <u>ي</u>   | _ |          | <u> </u>   | <u> </u>   |          | <u> </u>                                     | <u> </u> | L.   |   |       |          | Ш        | Щ        |          | _        | <u> </u> | _        | _  |        |          |
| _        | 1   | 2      | •          |   |          | _  | _  | _        |  | _        | _  |   |       | 51<br>52 | Ш        |          |          |          |          |          |    |        | Ш        |
|          | _2  | L      | L          |   | _        | lacksquare                                       | <u> </u>   | <u> </u> | ļ  | <u> </u> | L  |   |       | 52       |          |          |          |          | <u> </u> |          |    |        | Ш        |
| _        | _3  | L      | Ц          |   | _        | L  | _  |          | L  |          | _  |   |       | 53       |          |          |          |          | L        |          |    |        |          |
| Ц        | 4   | Ц      | Ш          |   | L        | L  |  |          |  |          | L  |   |       | 54       |          |          |          |          |          |          |    |        |          |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9 | Ц      | Ц          |   |          |  |  |          |  |          |  |   |       | 54<br>55 |          |          |          |          |          |          |    |        |          |
|          | 6   |        |            |   |          |  |  |          | <u>.                                    </u> | _        |  |   |       | 56       |          |          |          |          |          |          |    |        |          |
|          | 7   |        |            |   |          |  |  |          |  |          |  |   |       | 57       |          |          |          |          |          |          |    |        |          |
|          | 8   |        |            |   |          |  |  |          |  |          |  |   |       | 58       |          |          |          |          |          |          |    |        |          |
|          | 9   |        | П          |   |          |  |  |          |  |          |  |   |       | 59       |          |          |          |          |          |          |    |        |          |
|          | 10  | Г      | П          |   |          | П  |  |          |  |          |  |   |       | 60       |          |          |          |          |          |          |    |        | П        |
|          | 11  | Γ      | П          |   | Г        | П  |  |          |  |          |  | İ |       | 61       |          |          |          |          |          |          |    |        | $\Box$   |
|          | 12<br>13                                  | Γ      | П          |   |          |  |  | Г        | Г  | Т        |  | ĺ |       | 62       |          |          |          |          |          |          |    |        | П        |
|          | 13  | T      | Н          |   |          | T  |  |          |  | ┢        | _  |   |       | 63       | Н        | _        | _        |          |          |          |    | _      | $\vdash$ |
|          | 14  | T      | П          |   | T        |  |  | $\vdash$ | _  |          |  |   |       | 64       |          |          |          |          | П        |          |    |        | $\vdash$ |
|          | 15<br>16                                  | Г      | Ħ          | - |          | T  |  | $\vdash$ | Н  | $\vdash$ | $\vdash$   |   |       | 65       | Н        |          |          |          |          |          |    |        | $\dashv$ |
| ┪        | 16  | H      | H          | _ | $\vdash$ | H  | <del>                                     </del> | $\vdash$ | $\vdash$                                     | H        | <del>                                     </del> |   |       | 66       | Н        | -        |          | $\vdash$ |          |          |    |        | $\dashv$ |
|          | 17  | ۲      | Н          | - |          | $\vdash$   | $\vdash$   | $\vdash$ |  | $\vdash$ | ┢  |   |       | 67       |          | -        |          | _        |          |          |    |        | -        |
| 7        | 18  | H      | H          |   |          | $\vdash$   | ╁  | $\vdash$ | <u> </u>                                     | $\vdash$ | <u> </u>   |   |       | 68       |          | Н        |          |          | Н        | _        |    |        |          |
| ┪        | 18  | H      | Н          |   | -        |  | -  | $\vdash$ | $\vdash$                                     | $\vdash$ | ╁  |   |       | 69       | Н        |          | -        | -        | $\vdash$ |          | -  | -      | $\dashv$ |
| ╗        | 20  | H      | H          |   | -        | <del>                                     </del> | $\vdash$   |          |  | -        | <del>                                     </del> |   |       | 70       | Н        | $\vdash$ |          | -        | $\vdash$ | $\vdash$ |    |        | $\dashv$ |
| ┪        | 21  | H      | Н          |   | ┢        | $\vdash$   | -  | $\vdash$ |  | $\vdash$ | $\vdash$   |   |       | 71       | Н        |          |          | _        | _        |          | _  | _      | $\vdash$ |
| $\dashv$ | 22  | ┝      | Н          |   | ┢╌       | H  | ┝  | $\vdash$ | _  | -        | $\vdash$   |   |       | 72       | Н        |          |          | _        |          |          |    | _      | $\vdash$ |
| ┪        | 23  | H      | Н          | _ | $\vdash$ | -  | H  | $\vdash$ | _  | ┢        | $\vdash$   |   |       | 73       | $\dashv$ |          |          |          | Н        |          |    |        | $\vdash$ |
| +        | 23<br>24                                  | ┝      | Н          |   | ⊢        | ┝  | ┢  | -        | _  | $\vdash$ | ├-   |   |       | 74       | Н        | -        |          | _        | Н        | $\dashv$ |    | -      | $\dashv$ |
| -        | 25  | ┝      | Н          | _ | ┝        | ┢  | ┝  | $\vdash$ | -  | ┢        | ⊢  |   |       | 75       | Н        |          |          |          | $\vdash$ | -        |    |        | $\dashv$ |
| ┪        | 26  | ⊦      | Н          |   | -        | -  | -  | -        | $\vdash$                                     | ┢        | -  |   |       | 76       | Н        | $\dashv$ | _        |          | $\vdash$ | -        |    |        |          |
| ᅥ        | 26<br>27                                  | Н      | Н          | _ | ⊢        | $\vdash$   | -  | $\vdash$ | -  | $\vdash$ | -  |   |       | 77       |          | -        | $\dashv$ |          | Н        |          |    |        | $\dashv$ |
| ┪        | 28  | H      | Н          |   | ┝        | $\vdash$   | ⊢  |          | _  | -        | $\vdash$   |   |       | 78       | Н        | -        | $\dashv$ |          | -        |          |    |        | $\dashv$ |
| ┥        | 29  | Н      | Н          |   |          | ┝  | -  | H        |  |          | -  |   |       | 79       | $\vdash$ | $\vdash$ | _        |          |          | -        | _  |        | -        |
| ┥        | 30  | Н      | Н          |   | -        | ├─   | -  | $\vdash$ |  | -        | $\vdash$   |   |       | 90       | $\Box$   |          |          |          | Н        | -        |    | -      | -        |
| -        | 31  | Н      | Н          |   | -        | ⊢  | <u> </u>   | -        |  | -        | $\vdash$   |   |       | 80       | $\vdash$ |          |          |          |          |          |    |        | $\dashv$ |
| -        | 31<br>32                                  | Н      | Н          |   |          | ⊢  | ⊢  | -        | _  |          |  |   |       | 81       |          | -        | _        |          | -        |          |    |        | _        |
| $\dashv$ | 33  | Н      | Н          |   |          | _  | H  |          | -  | _        |  |   |       | 82       | $\dashv$ | -        | _        | _        | Н        | -        | _  |        | _        |
| $\dashv$ | 33  | L      | Н          |   |          | -  | -  |          | _  | <u> </u> |  |   |       | 83       | $\dashv$ | _        | -        | _        |          |          | _  | $\Box$ | $\dashv$ |
| +        | 34<br>35                                  | Н      | Н          | _ |          | ┝  | _  |          |  | $\vdash$ | _  |   |       | 84<br>85 |          | _        | _        |          | -        |          | _  |        |          |
| $\dashv$ | 30  | Н      | Н          |   |          | -  |  |          | _  | _        | _  |   |       | 85       | $\dashv$ |          | _        | _        | -        |          | _  |        |          |
| $\dashv$ | 36  | _      | Н          | _ | _        | ├  |  |          |  | <u> </u> |  |   |       | 86       | _        | $\dashv$ |          | _        | -        | _        |    | _      | _        |
| -        | 37  | _      | H          |   |          | <u> </u>   |  |          | _  | _        |  |   |       | 87       |          |          | _        | _        |          | _        | _  |        | _        |
| 4        | 38  | Ļ      | Ц          |   | _        | <u> </u>   |  | Ш        |  |          |  |   |       | 88       |          | $\dashv$ |          |          | $\Box$   | _        | _  |        | _        |
|          | 39  | ۲      | 4          |   |          | _  | _  | Ш        |  | _        |  |   |       | 89       |          | _        | _        | _        | $\Box$   | _        | _  | _      | _        |
| 4        | 40  | _      | 4          |   | _        | _  |  |          |  | Щ.       |  |   |       | 90<br>91 | Ц        | ļ        | _        |          |          |          | _  |        |          |
| 4        | 41  | L      | 4          |   |          | L_   | _  | Щ        |  |          |  |   |       |          | $\Box$   | _        | _        | _        |          | _        |    |        |          |
| 4        | 42  |        | 4          |   |          |  |  |          |  |          |  |   |       | 92       |          | _        | _        |          |          |          |    |        |          |
| 4        | 43  |        | 4          | _ | _        |  |  |          |  |          |  |   |       | 93       |          |          | $\Box$   |          |          |          |    | $\Box$ | _        |
| 4        | 44  |        | 4          | _ |          | _  |  |          |  |          |  |   |       | 94       | $\Box$   |          | ļ        |          |          |          |    | ]      |          |
| 4        | 45  | _      | 4          | _ |          | L.   |  |          |  |          | Ш  |   |       | 95       |          |          |          |          |          | _]       |    | ]      |          |
| 4        | 46  | _      | 4          |   | Щ        |  | Ш  |          |  |          |  |   |       | 96       | [        | [        | [        | ]        | $\Box$   |          |    |        |          |
| 4        | 47  | _      | 4          |   |          |  |  |          |  |          |  | [ |       | 97       | [        |          |          | ]        | $\Box$   |          | _] |        | $\Box$   |
| 4        | 48  |        | 4          |   |          |  |  |          |  |          | Ш  | Į |       | 98       | $\perp$  |          |          |          |          |          |    | I      |          |
| 4        | 49  |        | 4          |   |          |  |  |          |  |          |  | Į |       | 99       |          | $\perp$  | [        | ]        | [        | [        |    | I      |          |
| $\perp$  | 50  |        |            |   |          |  |  |          |  |          |  | l |       | 100      |          |          |          |          |          | $\Box$   |    | $\Box$ |          |
|          |   |        |            |   |          |  |  |          |  |          |  |   |       |          | -        |          |          |          |          |          |    |        | _        |

| Cli      | aim               | Date     |  |          |  |  |          |          |              |          |  |
|----------|-------------------|----------|--|----------|--|--|----------|----------|--------------|----------|--|
| Final    | Original          |          |  |          |  |  |          |          |              | ·        |  |
|          |                   |          |  |          | _  |  |          |          |              | Ш        |  |
|          | 101               |          |  | <u> </u> | L  |  | ļ        | _        | L            | Ш        |  |
|          | 102<br>103        | _        | _  | <u> </u> | <u> </u>   | _  | ┡        |          |              | Н        |  |
|          | 103               | _        | ┝  | ├        | $\vdash$   | ┞  | ⊢        |          | <u> </u>     | Н        |  |
|          | 105               |          | <del>                                     </del> | ┢        | $\vdash$   | $\vdash$   | ├─       | -        | ╁            | Н        |  |
| _        | 106               | $\vdash$ |  | $\vdash$ |  | <del>                                     </del> |          | ┢        | ┢            | Н        |  |
|          | 105<br>106<br>107 |          |  | _        | 1  |  |          |          |              | Н        |  |
|          | 108<br>109        |          |  |          |  |  |          |          |              |          |  |
|          | 109               |          |  |          | L  |  | _        |          |              |          |  |
|          | 110               | _        |  | <u> </u> | <u> </u>   | ļ  | <u> </u> | ļ        | _            | Ш        |  |
|          | 111               | <u> </u> | <u> </u>   | ├-       |  | <del> </del>                                     | -        | <u> </u> | <b> </b>     | Н        |  |
|          | 112               | ┝┈       |  | $\vdash$ | $\vdash$   | ⊢  | -        |          | ├            | Н        |  |
|          | 113<br>114<br>115 |          | ┢  | ┝        | $\vdash$   |  | $\vdash$ | -        | $\vdash$     | $\vdash$ |  |
|          | 115               | Ι        | $\vdash$   | $\vdash$ | <del>                                     </del> | -  | -        | <u> </u> | $\vdash$     | Н        |  |
|          | 116               | Г        | $\vdash$   |          | T  | T  | Г        |          | Г            | $\vdash$ |  |
|          | 117               |          |  |          |  |  |          |          |              |          |  |
|          | 118               |          |  |          |  |  |          |          |              |          |  |
|          | 119<br>120<br>121 | Ш        |  | L        | <u> </u>   |  |          |          | $oxed{oxed}$ | Ш        |  |
|          | 120               |          |  | _        |  | ldash  |          | <u> </u> |              | Ш        |  |
|          | 121               |          |  | _        | _  | _  | <u> </u> | <u> </u> | ļ            | Н        |  |
| -        | 122<br>123        |          | _  | ⊢        | ┢  | -  | $\vdash$ | ┢        | H            | Н        |  |
|          | 124               |          | -  | H        | ┝  | -  | _        | ├        | ┝            | Н        |  |
|          | 125               | -        | -  |          |  |  |          | -        |              | Н        |  |
| _        | 125<br>126        |          |  |          |  |  |          |          |              | П        |  |
|          | 127<br>128        |          |  |          |  |  |          |          |              |          |  |
|          | 128               |          |  |          |  |  |          |          |              |          |  |
|          | 129               |          |  |          | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | _        | <u> </u> | _            | Ш        |  |
|          | 130<br>131        |          |  |          |  | <u> </u>   |          | ļ        | $\vdash$     | Н        |  |
|          | 132               |          | _  | -        | _  |  | <u> </u> | H        | -            |          |  |
|          | 133               |          | -  | _        |  | Н  | -        |          |              | -        |  |
|          | 133<br>134        |          |  | ⊢        | H  | H  |          |          | Н            | H        |  |
|          | 135               |          |  |          |  |  |          |          |              | $\Box$   |  |
|          | 136<br>137        |          |  |          |  |  |          |          |              |          |  |
|          | 137               |          |  |          |  |  |          |          |              |          |  |
|          | 138               |          |  |          |  |  |          |          |              | _        |  |
|          | 139               |          |  |          | _  |  | _        |          |              |          |  |
| $\vdash$ | 140<br>141        | _        |  |          | -  | Н  | <u> </u> | -        | Н            | Н        |  |
| $\vdash$ | 142               |          |  | H        | -  | Н  |          | -        | Н            | $\dashv$ |  |
|          | 143               | $\dashv$ |  |          |  | Н  | _        |          | H            | $\dashv$ |  |
|          | 144               |          |  | П        |  |  |          | П        | П            | $\dashv$ |  |
|          | 145               |          |  |          |  |  |          |          |              |          |  |
|          | 146               |          |  |          |  |  |          |          |              |          |  |
|          | 147               | _        |  | $\Box$   | Щ  |  |          |          |              | $\Box$   |  |
|          | 148               | _        |  | Ц        | Щ  | $\sqcup$   |          |          |              | _        |  |
|          | 149               | _        |  | _        | Ц  | $\dashv$   |          | $\vdash$ |              | $\dashv$ |  |
|          | 150               |          |  |          |  | 1  |          |          |              |          |  |